Docket No.: MSFT-2933/306027.01

App No.: Not yet assigned Filed: April 14, 2004

Title: System and Method for Storage Power, Thermal and Acoustic Management in Server

Hard

Drive

135

Hard

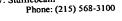
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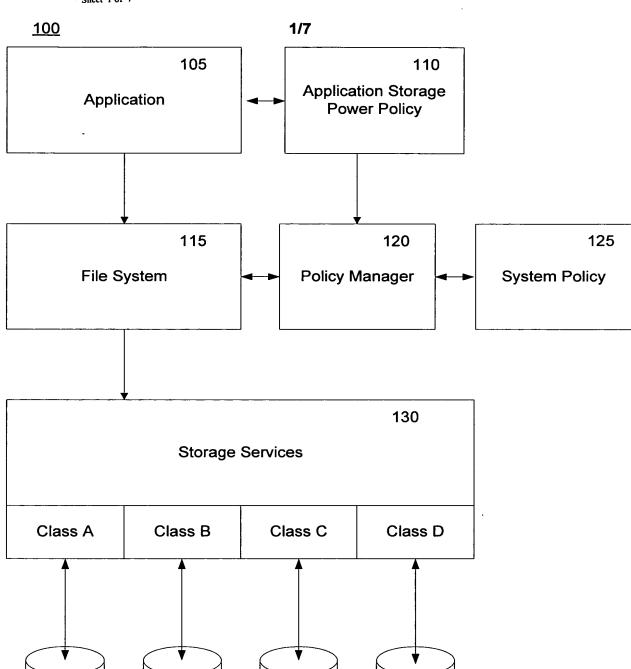
140

Systems
Inventors: Therron Powell and Kenneth W. Stufflebeam

Attorney: Jerome G. Schaefer

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Hard

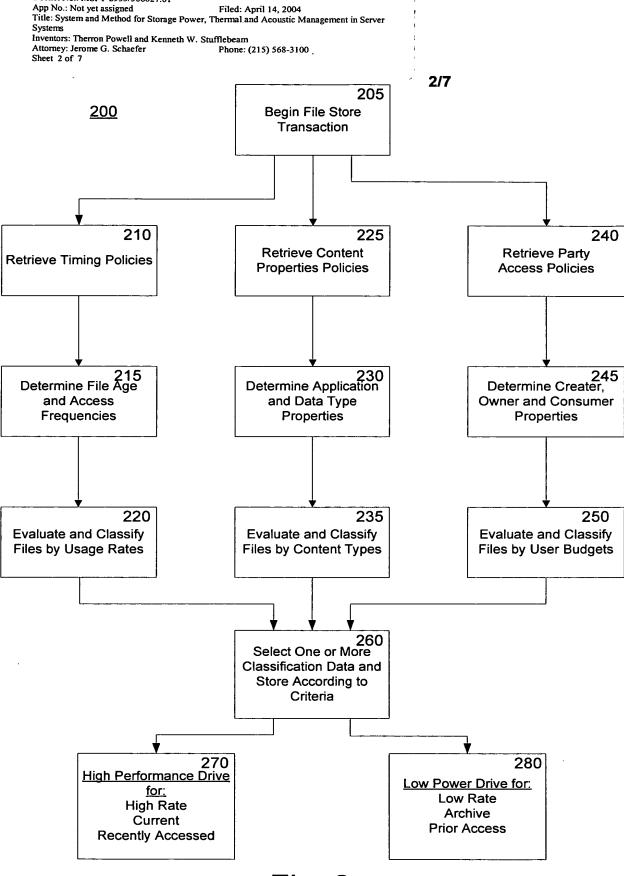
Drive

145

Fig. 1

Hard

Drive



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Fig. 2

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Sheet 3 of 7 3/7 305 307 309 Client n Client 1 Client 2 Fig. 3 <u>300</u> **NETWORK** 315 321 320 E-Mail Server Server **Network Interface** 322 323 E-Mail Power E-Mail Application **Policy** 325 324 **Policy** File System Manager 326 Storage Services **Power Controlled High Speed Drive** Drive 327 328

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Title: System and Method for Storage Power, Thermal and Acoustic Management in Server Inventors: Therron Powell and Kenneth W. Stufflebeam Attorney: Jerome G. Schaefer Sheet 4 of 7 Phone: (215) 568-3100 <u>400</u> 4/7 405 409 407 Client 1 Client n Client 2 Fig. 4 **NETWORK** 415 421 420 Media Server Media Server **Network Interface** Jukebox 423 422 **Jukebox Application** Storage Power **Policy** 425 424 **Policy** File System Manager 426 **Storage Services Power Controlled High Speed Drive Drive** 

428

Inventors: Therron Powell and Kenneth W. Stufflebeam Attorney: Jerome G. Schaefer Sheet 5 of 7 Phone: (215) 568-3100 5/7 505 507 509 Client 1 Client 2 Client n Fig. 5 <u>500</u> **NETWORK** 515 529 **Proxy Cache** 521 520 **WEB Server** Server **Network Interface** 522 523 WEB Server and WEB & HTTP **Storage Policy WEB Application** 524 525 Policy File System Manager 526 **Storage Services Power Controlled** High Speed Drive Drive 528

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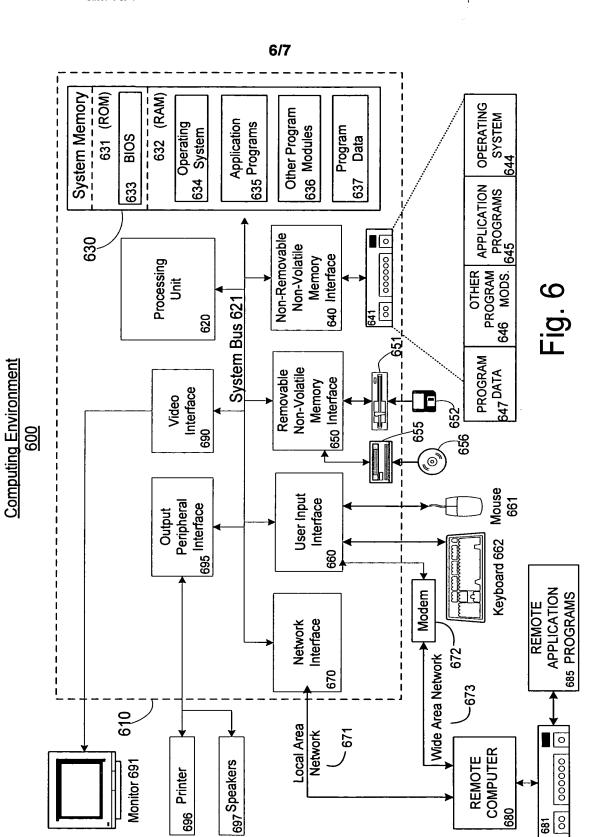
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Inter. Systems
Systems
Inventors: Therron Powell and Kenneth W. Stufflebeam
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